

What is claimed:

1. An implant member for threaded reception in an osteotomy in a bone comprising an elongated generally cylindrical post having a longitudinal axis, a coronal end and an apical end, the coronal end having an abutment portion having a smoothly curved basal portion integrally formed at the coronal end of the post, cortical bone threads formed along a first significant axial length portion of the post proximate to the abutment portion and an unthreaded, second significant axial length apical portion contiguous to the first axial length portion.
2. An implant member according to claim 1 further comprising a third smooth, non-threaded axial length coronal portion between the basal portion and the threaded first significant axial length portion.
3. An implant member according to claim 2 in which the third axial length portion is formed with a slight sealing taper of increasing diameter moving in the direction from the apical end toward the coronal end.
4. An implant member according to claim 3 further comprising an epithelial stop in the form of a circumferential groove formed in the tapered portion of the third axial length portion, the groove forming a sharply angled transition with the outer peripheral surface of the third axial length portion on the apical side

of the groove and a relatively smoothly angled transition with the outer peripheral surface of the third axial length portion on the coronal side of the groove.

5. An implant member according to claim 1 in which the first and second axial length portions are generally equal in length.
6. An implant member according to claim 1 in which the abutment portion includes a nose projecting from the basal portion, the nose being formed with first and second axial length portions each of which is tapered with a decreasing diameter moving in a direction from the apical end to the coronal end of the post, a retention step being formed between the first and second axial length portions of the nose, the first axial length portion being contiguous with the basal portion and having a circumference on the coronal side of the retention step less than the circumference of the second axial length portion on the apical side of the retention step.
7. An implant member according to claim 1 in which the abutment portion includes a nose projecting from the basal portion, the nose having a generally spherical free end and an O-ring groove formed adjacent to the spherical free end.

8. An implant member according to claim 1 in which the abutment portion includes a nose projecting from the basal portion and the nose has a free end formed with a tapered coping receiving surface circumscribing the free end and a threaded bore is formed along the longitudinal axis through the free end of the nose.